

MINISTRY OF PUBLIC HEALTH, EGYPT.

Endemic Diseases Section

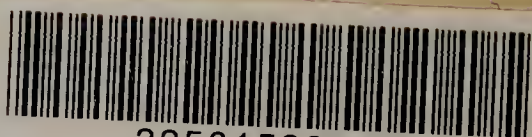
The Eleventh Annual Report
1938

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MINISTRY OF PUBLIC HEALTH, EGYPT.

The Eleventh Annual Report of the Endemic Diseases Section for the Year 1938

New Units

During 1938, the following units were inaugurated at the localities and on the dates indicated against each :—

Units	Inaugurated on
Ankylostoma Branch, Demerdash Hospital, Cairo	9-1-1938
„ „ Faraskour District Hospital	15-1-1938
Travelling Ankylostoma Hospital No. 31 at Kom Ombo	25-1-1938
Ankylostoma Branch, Mehalla-el-Kobra District Hospital	5-2-1938
Travelling Ankylostoma Hospital No. 32 at Souhag	28-2-1938
Ankylostoma Branch, Simbellawein District Hospital	19-3-1938
School Clinic No. 13 at Kafr-el-Sheikh	9-4-1938
„ „ 14 at Istanha (Kouesna District)	15-5-1938
Ankylostoma Branch, Ashmoun District Hospital	15-5-1938
„ „ Fakous „ „	26-5-1938
„ „ Etsa (Fayoum) District Hospital	10-9-1938
„ „ Beba „ „	10-9-1938
„ „ Minia-el-Kamh „ „	12-9-1938
Travelling Ankylostoma Hospital No. 33 at Tahta	12-9-1938
School Clinic No. 15 at Abshway "Fayoum"	12-9-1938
„ „ „ 16 at Luxor	17-9-1938
Travelling Ankylostoma Hospital No. 34 at Ramadi Bahari (Edfu District) ...	17-9-1938
Ankylostoma Branch, Shibin-el-Kanater District Hospital	17-9-1938

Number of Patients treated

The number of patients who attended the ankylostoma and bilharzia units during 1938 was 1,221,421, with an increase of 252,424 or 26 per cent over those of the last year, besides those seeking treatment from parasitic diseases in district and village hospitals.

The Section was obliged to raise the equipage of its units so that they can meet the continuous increase of patients with the result that efforts for examining and treating patients were doubled in some of the units.

The total number of patients treated from Bilharziasis was 419,356, the number of injections given being 3,653,418 of Tartar Emetic or Fouadin with an increase of 778,056 or 27 per cent over those of the previous year.

This is due to the following facts :—

(a) Patients are persuaded to seek treatment as early as possible and induced to complete their course until they have completely recovered.

(b) Patients are permitted to leave the hospital one hour and a half after injection, instead of waiting till 1 o'clock p.m. as was the case previously.

A total of 140,194 doses of Carbon Tetrachloride were administered to patients infected with ankylostoma with an increase of 42,573 doses or 43 per cent over those of the preceding year.

440,282 doses of Chenopodium oil were administered to patients infected with ascaris and ankylostoma, who were found unfit for Carbon Tetrachloride treatment, with an increase of 97,020 doses or 22 per cent over those of the previous year.

5,820 doses of Flex Mas were administered to patients infected with Taenia, with an increase of 3,968 or 214 per cent over those of last year.

Economy in Expenses

(1) *Equipments*.—To facilitate the transfer of the travelling units and to have a more durable material, the walls of these units have been made of wood so that they may not be exposed to deterioration during the transfer of the units.

(2) *Treatment Expenses*.—Patients infected with ascaris are usually treated with a mixture of Castor and Chenopodium oils as purgative ; consequently, great quantities of Castor oil used to be consumed.

Instructions were, therefore, given to the units with a view to using Magnesium Sulfate in treating adult patients instead of Castor oil.

Treatment of School-boys at low attendance of the Public

The endemic diseases units are instructed to examine and treat school-boys and public maktab children, within their circumscription, at the time when attendance is at its lowest.

Use of the Motor-ambulances in other localities during Summer

The Lunacy Division has asked that its inmates be examined and treated from parasitic diseases. The motor-car of the school clinic No. 14 at Istanha was called to undertake this task during summer. The use of the motor-car of Khanka Hospital for this purpose proved to be successful ; and the Section is contemplating the use of these motor-ambulances in other localities during the summer holiday for the treatment of ascaris and Egyptian splenomegaly.

Treatment of Pellagra

Since the close of the previous year, yeast and eggs have been employed in the treatment of pellagrins. This method has given very satisfactory results, besides being of value to many patients whose treatment from parasitic diseases became afterwards easier. The number of patients treated from pellagra during this year amounted to 9,133.

Training of Medical Officers

Before taking charge of units, new medical officers are, as a rule, trained to treatment, propaganda and combat work. The 31 medical officers appointed during the year were thus trained before taking over their work.

Training of Laboratory Assistants

Arrangements have been made to train candidates for the posts of laboratory assistants required for the ankylostoma units, involving the examination of blood and chemical analysis, so that they may be able to undertake the work which will be entrusted to them.

Efforts for Propaganda

In view of the benefits gained by the patients on receiving lectures in connection with precautions against parasites, the Section issued instructions to its units to stimulate propaganda, as an essential part of the medical officer's duties. These instructions include :—

(a) *Lectures*.—Medical officers and the other staff of the units shall deliver lectures on the precautions against parasites. These lectures shall be delivered to patients inside the units as well as out of doors to the public, policemen, omdas, sheikhs, schools and clubs. In execution of these instructions 16,241 lectures were delivered during 1938. They were delivered in such an intelligible manner as to be comprehended by the fellaheen, and were illustrated by some specimens preserved in the units, such as snails carriers, vesical calculi, etc., and microscopical analysis, *e.g.* parasitic ovas, ankylostoma larvae and different kinds of cercaria and sometimes by projecting cinematographic films whenever possible.

Patients are eventually questioned to ascertain whether they have understood what they were taught as regards prophylaxis, etiology, the seriousness of these diseases and their bad effects upon their mental and physical growth, and probable complications if treatment is neglected.

These lectures teach boys how to evade infection which affects their growth, men, how these diseases disable them and women, how harmful these diseases are for their offspring being born weak, and finally to impress school-boys that these diseases cause their weakness mentally.

(b) *Museums*.—Endemic diseases units are instructed to create small museums intended to be shown to patients for enlightenment. These museums should constitute the following :—

- (1) Ascaris worms in formalin 5 per cent.
- (2) Taenia worms in formalin 5 per cent.
- (3) Vesical calculi.
- (4) A piece of meat with cysticercus bovis in formalin 5 per cent.
- (5) Important snails in the locality where the two types of bilharzia carriers exist.
- (6) Posters and plates issued by the Ministry against various diseases.

(c) *Pamphlets*.—Special pamphlets for propaganda purpose are distributed amongst patients and school-boys.

Posters also are exhibited in public places, *e.g.* markets, mosques, schools and other places frequented by the public, so that propaganda may be widely diffused against parasitic and other diseases.

(d) *Public meetings*.—Medical officers were instructed to do their best to gather the educated people of villages and constitute local committees for the diffusion of propaganda and principles of hygiene.

The members of these committees shall first be taught the means of protection from infection and then be persuaded to help towards the spread of propaganda amongst the inhabitants. Being distinguished in their localities, their services are expected to be valuable.

TABLE NO. 2.—MONTHLY NUMBER OF PATIENTS WHO ATTENDED THE VARIOUS UNITS
OF THE ENDEMIC DISEASES SECTION DURING THE YEAR 1938

Month	Number of Patients
January	75,275
February	57,428
March	117,279
April	132,987
May	109,374
June	109,971
July	138,035
August	170,648
September	89,799
October	85,859
November	43,972
December	90,794
TOTAL	1,221,421

With an increase of 252,424 cases or 26 per cent over those of the last year.

TABLE NO. 3.—DISTRIBUTION OF INFECTION AMONG THE NEW PATIENTS ATTENDING
UNITS OF THE ENDEMIC DISEASES SECTION DURING THE YEAR 1938.

	Number	Percentage
		%
(a) Number of new patients examined for urinary bilharziasis	1,207,393	—
Positive for urinary bilharziasis	636,298	52·7
(b) Number of new patients examined for intestinal bilharziasis ...	1,160,608	—
Positive for bilharzia mansoni	107,261	9·2
„ „ bilharzia hæmatobium	14,680	1·2
„ „ amœbic dysentery... ..	3,119	0·26
(c) Total cases of bilharziasis	702,555	58·1
(d) Number of new patients examined for ankylostomiasis... ..	1,160,608	95·02*
Positive for ankylostoma	328,130	26·8
„ „ ascaris	570,206	46·6
„ „ other intestinal parasites	155,674	12·7
„ „ urine and stools parasites	1,142,813	93·5

* The percentage given in para. (d) is calculated in relation to number of new patients (1,221,421).

TABLE NO. 4.—ANKYLOSTOMA AND BILHARZIA CASES TREATED AT THE ANKYLOSTOMA AND BILHARZIA UNITS DURING THE YEAR 1938

Unit	New Patients					Urine Exam. of New Patients		Stool Exam. of New Patients							Number of New Patients receiving Treatment					Number of Old Patients receiving Treatment					Examination after Treatment				Number of New Patients adjoined Treatment		Number of Cases that developed Complications		Number of Pellagra	Felix Mas.	Number of Doses given	Number of Injections given						
	Females under 16 Years	Females over 16 Years	Males under 16 Years	Males over 16 Years	Total	Number of Patients whose Urines were examined	Positive Bilharzia	Number of Patients whose Stools were examined	Positive Dysentery	Positive Bilharzia		Positive Ankylostoma	Positive Ascaris	Positive Other Ova	Pos. for Intestinal Parasites	Total Bilharzia	Pos. for Urine and Stool Parasites	Ankylostoma		Ankylostoma	Dysentery	Bilharzia	Ankylostoma		Dysentery		Bilharzia		Unfit for Treatment	More than the Number allowed	Ankylostoma Branch	Bilharzia Branch										
										Mansoni	Haem.							C. Cl. 4	Chenopodium				Amoebic Dysentery	Tartar Emetic	Fouadin	Number of Patients examined	Negative	Number of Patients examined									Negative	Number of Patients examined	Negative			
Cairo Hospital	4,005	4,751	4,702	5,005	18,463	18,141	9,061	17,078	38	360	61	5,181	3,830	3,043	9,118	9,277	13,353	2,610	2,593	31	7,548	—	—	47	44	169	72,833	—	1,127	720	24	24	3,170	2,188	314	—	—	—	34	34	5,328	80,581
Calyoub Hospital... ..	2,359	3,453	4,149	4,715	14,676	14,461	8,435	14,407	12	1,000	124	5,537	6,978	1,044	10,428	8,755	12,413	730	4,006	6	4,563	—	—	65	227	40	55,923	—	1,781	1,093	3	3	1,473	1,070	136	—	—	—	641	42	5,070	60,532
Mansura Hospital	3,157	3,657	5,056	5,184	17,054	16,890	10,228	16,021	24	4,523	266	3,313	7,567	1,552	11,446	12,470	14,997	675	4,399	19	8,849	—	—	56	180	93	68,634	—	1,410	1,318	12	11	3,658	3,023	1,034	—	—	—	100	—	5,310	77,595
Benha Hospital	5,906	5,126	8,330	8,584	27,946	27,747	18,327	26,780	3	557	664	13,629	18,308	3,434	22,779	18,664	25,458	5,373	11,707	—	10,589	—	—	295	398	—	73,158	—	3,957	1,083	—	—	4,011	3,087	1,643	1,175	—	—	277	75	17,848	83,747
Tanta	5,753	9,221	8,115	8,950	32,039	31,731	16,801	30,506	11	5,331	1020	2,296	17,979	2,445	24,802	19,203	28,469	185	17,831	—	10,872	—	—	—	54	60	74,703	—	1,575	1,410	6	6	2,700	2,001	913	546	—	—	191	1	18,071	85,646
Zagazig Hospital	5,434	5,084	8,062	7,426	26,006	25,687	14,858	25,126	77	1,978	526	9,047	17,651	7,989	20,735	15,968	32,977	2,173	9,766	57	8,168	—	—	127	96	349	62,894	—	1,946	976	62	38	3,708	1,970	445	—	—	—	224	2	12,164	71,466
Travelling No. 1	4,858	5,067	4,648	4,122	18,695	17,574	6,498	18,173	13	4,120	125	1,514	10,493	2,861	13,945	8,793	15,432	681	7,674	15	5,806	—	—	—	—	67	45,984	—	2,243	1,767	14	14	2,613	1,895	1,481	956	—	—	222	120	8,475	51,872
" 2	2,336	2,444	5,640	4,114	14,534	14,503	9,534	13,860	235	6	846	5,231	392	2,585	6,978	9,626	11,615	3,302	196	194	5,602	—	—	136	—	952	39,919	—	769	323	179	140	2,442	1,384	419	—	—	—	84	—	3,634	46,667
" 3	2,835	4,218	3,541	6,058	16,652	16,556	10,102	16,031	36	2,917	367	5,224	11,491	2,207	14,129	11,867	15,649	579	8,347	30	7,792	—	—	5	19	121	60,382	—	1,152	864	17	15	2,612	1,993	529	—	—	—	81	1	8,951	68,325
" 4	2,644	2,760	3,788	3,985	13,177	13,146	8,592	12,845	4	—	174	2,434	907	3,476	6,176	8,642	10,391	1,614	719	3	6,549	—	—	140	26	7	45,988	—	659	424	1	1	2,400	1,794	435	—	—	—	55	588	3,087	52,547
" 5	1,703	2,590	3,448	3,739	11,480	11,358	5,212	10,681	51	5	173	3,613	783	2,498	5,851	5,229	7,856	1,788	458	45	2,829	—	—	71	8	191	21,813	—	395	174	30	29	1,129	710	527	—	—	—	9	245	2,570	24,878
" 6	8,489	7,503	9,436	7,446	32,874	32,733	19,837	32,368	7	109	281	15,470	29,293	4,658	30,266	20,012	31,586	537	23,352	25	7,984	—	—	1	25	169	70,790	—	121	92	—	—	3,421	2,488	1,480	—	—	—	41	5	23,920	78,968
" 7	5,666	5,958	7,484	6,774	25,882	25,699	14,808	25,105	30	955	562	9,028	20,665	4,182	22,211	15,201	24,283	2,894	16,451	23	9,200	—	—	27	12	121	65,704	—	2,561	1,324	10	7	3,237	2,039	394	—	—	1	414	1	19,385	75,048
" 8	3,030	3,193	3,907	3,620	13,800	13,588	8,417	13,286	—	—	33	7,718	624	1,335	7,551	8,423	11,593	5,489	444	25	6,149	—	—	2	—	124	50,555	—	1,177	749	20	20	1,767	1,291	300	5,450	—	—	65	2	5,937	56,853
" 9	6,645	8,317	8,800	10,324	34,086	33,979	20,413	33,715	21	2,428	524	11,531	23,604	2,669	29,248	22,093	32,398	3,767	21,606	31	11,532	—	—	36	5	148	95,298	—	2,897	2,221	24	23	4,607	3,281	634	4,355	—	—	407	94	25,508	107,009
" 10	5,110	6,145	7,151	7,162	25,668	25,438	16,846	25,012	13	519	134	7,585	18,424	3,765	21,396	16,923	23,821	1,657	16,467	11	8,454	—	—	1	13	77	54,011	—	1,745	1,626	10	10	2,893	2,436	298	1,200	—	—	199	—	18,138	62,553
" 11	2,141	2,330	2,302	2,277	9,350	9,344	3,385	9,251	76	2,010	5	1,260	4,964	658	6,802	4,725	7,796	173	2,576	64	3,005	—	—	3	11	288	19,538	—	425	387	17	13	1,081	1,081	865	—	—	—	35	35	2,798	22,895
" 12	3,701	5,966	5,706	6,490	21,893	21,420	8,709	20,312	10	8,044	1	5,839	13,330	2,769	16,553	14,284	19,514	930	6,877	15	7,098	—	—	70	90	77	49,962	—	1,459	1,129	3	2	1,384	1,172	1,377	—	—	1	401	8	7,975	57,152
" 13	2,317	3,048	4,017	4,255	13,637	13,417	8,596	12,899	3	3,718	122	2,270	7,594	1,596	9,751	9,979	12,514	485	6,323	2	6,116	—	—	—	—	10	45,690	—	261	279	1	1	1,747	1,072	1,001	817	—	—	77	84	6,892	51,818
" 14	2,700	3,344	2,640	3,007	11,691	11,606	6,409	11,142	11	—	46	1,741	720	2,732	4,561	6,450	7,951	1,284	479	9	3,880	—	—	1	1	26	23,460	—	287	213	—	—	918	703	561	—	—	—	50	345	7,110	27,375
" 15	4,539	5,095	5,060	4,888	19,562	19,401	10,978	18,903	1	868	113	4,563	12,410	1,641	15,102																											

TABLE No. 5.—DETAILED ACCOUNT OF THE EXPENSES OF THE ENDEMIC DISEASES SECTION
IN THE YEAR 1938.

Units	Salaries	Equipment, Instruments and Drugs.	Rent, Water, Light and Sewage	Transport	Miscellaneous Expenses	Total	Units opened in the year 1938
	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	
Ankylostoma Hospital, Cairo	670	91	40	46	17	864	
„ „ Qaliûb	548	284	29	5	9	875	
„ „ Mansûra	514	115	48	5	9	691	
„ „ Benha	595	103	22	—	22	742	
„ „ Tanta	709	212	240	—	27	1,188	
„ „ Zagazig	541	153	16	—	19	729	
Travelling Ankylostoma Hospital No. 1	475	156	27	—	63	721	
„ „ „ „ 2	588	81	25	—	47	741	
„ „ „ „ 3	553	108	42	1	38	742	
„ „ „ „ 4	462	334	17	4	29	846	
„ „ „ „ 5	474	160	41	1	37	713	
„ „ „ „ 6	570	165	40	2	46	823	
„ „ „ „ 7	463	327	20	10	51	871	
„ „ „ „ 8	458	192	28	16	47	741	
„ „ „ „ 9	582	408	29	1	50	1,070	
„ „ „ „ 10	592	277	12	2	98	981	
„ „ „ „ 11	412	145	30	17	37	641	
„ „ „ „ 12	474	227	2	—	6	709	
„ „ „ „ 13	462	48	14	—	30	554	
„ „ „ „ 14	413	89	10	—	44	556	
„ „ „ „ 15	590	266	15	—	21	892	
„ „ „ „ 16	532	234	14	—	49	829	
„ „ „ „ 17	513	238	31	3	45	830	
„ „ „ „ 18	510	175	17	—	14	716	
„ „ „ „ 19	504	73	—	1	15	593	
„ „ „ „ 20	1177	230	44	80	22	1,553	
„ „ „ „ 21	449	81	—	—	11	541	
„ „ „ „ 22	582	188	21	50	11	852	
„ „ „ „ 23	469	397	16	14	42	938	
„ „ „ „ 24	553	170	33	1	52	809	
„ „ „ „ 25	532	281	20	—	48	881	
„ „ „ „ 26	461	211	25	2	14	713	
„ „ „ „ 27	486	94	30	12	11	633	
„ „ „ „ 28	405	63	1	1	11	481	
„ „ „ „ 29	532	117	24	—	24	697	
„ „ „ „ 30	461	4	17	10	4	496	
„ „ „ „ 31	413	544	23	9	33	1,022	25/1
„ „ „ „ 32	413	256	12	7	43	731	28/2
„ „ „ „ 33	119	433	13	2	13	580	12/9
„ „ „ „ 34	149	702	8	5	7	871	17/9
Travelling Ankylostoma Hospital, Menu- fiya	528	157	13	—	15	713	
Travelling Ankylostoma Hospital, Qena	477	144	8	—	8	637	
„ „ „ „ Shar- kia	544	132	16	21	14	727	
Travelling Ankylostoma Hospital, Da- qahlia	554	198	40	25	55	872	
Ankylostoma Annex, Alexandria	495	—	—	—	2	497	
„ „ Manzala	369	50	—	—	4	423	
„ „ Mataria	290	23	—	—	5	318	
„ „ Fikriya	487	59	—	—	—	546	
„ „ Suez	82	—	—	—	—	82	
„ „ Belbeis	494	66	—	—	1	561	
„ „ Wastah	445	88	—	—	2	535	
„ „ Zawiet El Naora	457	—	—	3	—	460	
„ „ Kom Hamada	468	—	—	—	—	468	
„ „ Rashid	397	—	—	—	2	399	
„ „ Demerdash	246	58	10	—	8	322	15/1

TABLE No. 5 (contd.)

Units	Salaries	Equipment, Instruments and Drugs.	Rent, Water, Light and Sewage.	Transport	Miscellaneous Expenses	Total	Units opened in the year 1938
	L.E.	L.E.	L.E.	L.E.	L.E.	L.E.	
Ankylostoma Annex, Fareskour	239	62	1	—	1	303	15/1
„ „ Mahalla El-Kubra	375	247	—	—	—	622	5/2
„ „ Simbellaween ...	354	11	—	—	14	379	19/3
„ „ Ashmoun	267	2	—	—	6	275	15/5
„ „ Fakous	242	—	—	—	3	245	26/5
„ „ Beba	123	298	—	—	4	425	10/9
„ „ Etsa	128	306	—	—	2	436	10/9
„ „ Minya El-Kamh ...	136	—	—	—	6	142	12/9
„ „ Shebin El-Kanater	116	269	—	—	2	387	17/9
Ankylostoma School Clinic No. 1... ..	538	214	13	—	21	786	
„ „ „ „ 2... ..	547	49	34	4	28	662	
„ „ „ „ 3... ..	532	259	17	12	15	835	
„ „ „ „ 4... ..	441	169	8	7	37	662	
„ „ „ „ 5... ..	470	249	11	42	15	767	
„ „ „ „ 6... ..	469	48	3	10	10	540	
„ „ „ „ 7... ..	455	183	11	19	16	684	
„ „ „ „ 8... ..	436	137	15	15	31	634	
„ „ „ „ 9... ..	487	415	4	11	42	959	
„ „ „ „ 10... ..	497	151	22	—	40	710	
„ „ „ „ 11... ..	457	22	—	1	9	489	
„ „ „ „ 12... ..	564	103	16	1	4	688	
„ „ „ „ 13... ..	460	248	11	3	94	816	9/4
„ „ „ „ 14... ..	582	7	20	—	53	662	15/5
„ „ „ „ 15... ..	179	519	2	2	63	765	12/9
„ „ „ „ 16... ..	162	537	8	10	4	721	17/9
TOTAL	35,994	13,912	1,379	493	1,852	53,630	

TABLE NO. 6.—LIST OF LECTURES DELIVERED BY STAFF TO PATIENTS
AND TO PUBLIC.

	Units	Lectures to patients	Lectures to public	Total
Ankylostoma Hospital,	Cairo	204	30	234
" "	Kaliub	334	24	358
" "	Mansoura	125	—	125
" "	Benha	244	8	252
" "	Tanta	177	44	221
" "	Zagazig	299	3	302
Travelling Ankylostoma Hospital No.	1	181	2	183
" "	" 2	255	6	261
" "	" 3	247	79	326
" "	" 4	181	44	225
" "	" 5	227	7	234
" "	" 6	170	43	213
" "	" 7	203	11	214
" "	" 8	320	24	344
" "	" 9	207	34	241
" "	" 10	202	14	216
" "	" 11	175	24	199
" "	" 12	244	8	252
" "	" 13	209	29	238
" "	" 14	195	30	225
" "	" 15	170	42	212
" "	" 16	262	22	284
" "	" 17	699	20	719
" "	" 18	131	35	166
" "	" 19	210	34	244
" "	" 20	201	—	201
" "	" 21	276	85	361
" "	" 22	215	10	225
" "	" 23	38	282	320
" "	" 24	161	130	291
" "	" 25	263	71	334
" "	" 26	113	14	127
" "	" 27	47	11	58
" "	" 28	92	33	125
" "	" 29	106	22	128
" "	" 30	155	—	155
" "	" 31	176	27	203
" "	" 32	143	41	184
" "	" 33	66	44	70
" "	" 34	80	28	108
Ankylostoma Hospital,	Menoufia	191	17	208
" "	Kena	236	10	246
" "	Sharkia	201	26	227
" "	Dakahliya... ..	150	8	158
Ankylostoma Annex,	Alexandria	247	10	257
" "	Manzala	153	4	157
" "	Mataria	113	39	152
" "	Fikria	313	—	313
" "	Suez	91	1	92
" "	Demerdash	148	—	148
" "	Faraskour	145	9	154
" "	Belbeis	299	29	328
" "	Ashmoun	146	5	151
" "	Zawiet El-Naoora	182	2	184
" "	Wasta	178	2	180
" "	Rashid	250	13	263
" "	Mahalla El-Kobra	186	26	212
" "	Simbillawein	107	1	108
" "	Fakous	184	6	190
" "	Kom Hamada	104	14	118
" "	Beba	57	8	65

TABLE No. 6 (contd.)

Units										Lectures to patients	Lectures to public	Total
Ankylostoma Annex, Itsa										96	5	101
" " Minya el Qamh										42	8	50
" " Shebîn el Kanater										49	3	52
" School Clinic No. 1										102	4	106
" " " 2										102	42	144
" " " 3										182	1	183
" " " 4										93	—	93
" " " 5										167	16	183
" " " 6										214	17	231
" " " 7										140	48	188
" " " 8										171	89	260
" " " 9										157	51	208
" " " 10										273	49	322
" " " 11										114	25	139
" " " 12										157	20	177
" " " 13										173	29	202
" " " 14										98	7	105
" " " 15										104	19	123
" " " 16										80	5	85
TOTAL										14,198	2,043	16,241

TABLE No. 7.—NUMBER OF UNITS ATTACHED TO THE ENDEMIC DISEASES
SECTION FROM 1919 TO 1938.

Year	Permanent units	Travelling units	School clinics	Ankylostoma annexes	Total number of units
1919	1	—	—	—	1
1920	4	—	—	—	4
1921	5	—	—	—	5
1922	5	1	—	—	6
1923	5	1	—	—	6
1924	5	1	—	—	6
1925	6	6	—	—	12
1926	7	8	2	1	18
1927	7	19	5	2	33
1928	7	28	12	6	53
1929	6	30	12	7	55
1930	6	30	12	9	57
1931	6	32	12	6	56
1932	6	32	12	6	56
1933	6	32	12	6	56
1934	6	32	12	6	56
1935	6	32	12	6	56
1936	6	32	12	6	56
1937	6	35	12	10	63
1938	6	38	16	20	80

TABLE No. 8.—NUMBER OF NEW PATIENTS WHO ATTENDED
UNITS DURING THE LAST FIVE YEAR

Year	Number of new Patients
1934	665,799
1935	759,735
1936	768,701
1937	968,997
1938	1,221,421

TABLE No. 9.—LOCALITIES OF THE ANTHELMINTIC TRAVELLING UNITS
DURING THE YEAR 1938

Units	Localities	Periods	
		From	To
Ankylostoma Hospital No. 1...	Damanhur	1- 1-1938	31-12-1938
" " 2...	Beni Suef	1- 1-1938	31-12-1938
" " 3...	Aga	1- 1-1938	31-12-1938
" " 4...	Fayoum	1- 1-1938	31-12-1938
" " 5...	Minya... ..	1- 1-1938	24-12-1938
" " "	Samallout	25-12-1938	31-12-1938
" " 6...	Shebin el-Kom	1- 1-1938	31-12-1938
" " 7...	Tahanoub (Markaz Shebin el-Kanater)...	1- 1-1938	16- 5-1938
" " "	Shebin el-Kanater (Dist. Hospital) ...	17- 5-1938	15- 9-1938
" " "	Mit Kinana (Markaz Toukh)... ..	16- 8-1938	31-12-1938
" " 8...	Ayat	1- 1-1938	30- 6-1938
" " "	El-Badrashin	1- 7-1938	31-12-1938
" " 9...	Mit Ghamr	1- 1-1938	31-12-1938
" " 10...	Quesna	1- 1-1938	31-12-1938
" " 11...	Mahmoudia	1- 1-1938	15-12-1938
" " "	Edfina	16-12-1938	31-12-1938
" " 12...	Dessouk	1- 1-1938	31-12-1938
" " 13...	Kotour (Markaz Tanta)	1- 1-1938	31-12-1938
" " 14...	Sennouris	1- 1-1938	31-12-1938
" " 15...	Mashtoul el-Souq	1- 1-1938	31-12-1938
" " 16...	Bassioun (Markaz Kafr el-Zayat)	1- 1-1938	31-12-1938
" " 17...	Kafr el-Zayat	1- 1-1938	31-12-1938
" " 18...	El Bagour (Markaz Menouf)	1- 1-1938	31-12-1938
" " 19...	Tala	1- 1-1938	16- 3-1938
" " "	Nag Hamadi	17- 3-1938	31-12-1938
" " 20...	Fom el-Khalig, Cairo	1- 1-1938	31-12-1938
" " 21...	Fashn	1- 1-1938	31-12-1938
" " 22...	Tansa Beni Malu (Markaz Beba)	1- 1-1938	13-10-1938
" " "	Al Maymoun (Markaz el-Wasta)	14-10-1938	31-12-1938
" " 23...	Al-Gaafaria (Markaz el-Santa)	1- 1-1938	4- 6-1938
" " "	Al Korashia (Markaz el Santa)	5- 6-1938	31-12-1938
" " 24...	Itay-el-Baroud	1- 1-1938	31-12-1938
" " 25...	Dikernes	1- 1-1938	31-12-1938
" " 26...	Damietta	1- 1-1938	31-12-1938
" " 27...	Mallawy	1- 1-1938	31-12-1938
" " 28...	Dilingat	1- 1-1938	31-12-1938
" " 29...	Birket el-Saba'	1- 1-1938	31-12-1938
" " 30...	Fakkous	1- 1-1938	21- 5-1938
" " "	Shubra-el-Nakhla (Belbeis)	22- 5-1938	31-12-1938

TABLE No. 9 (contd.)

Unit		Localities		Dates	
				From	To
Ankylostoma Hospital No.	31...	Kom Ombo (Markaz Aswân)...	...	25- 1-1938	31-12-1938
"	" 32...	Souhag ... ..	...	28- 2-1938	31-12-1938
"	" 33...	Tahta ... ..	...	12- 9-1938	31-12-1938
"	" 34...	Ramadi Bahari (Markaz Edfu) ...	...	17- 9-1938	31-12-1938
Prov. Council Hosp ,	Menoufia	Menouf ... ..	...	1- 1-1938	31-12-1938
"	" Qena ...	Farshout ... ..	...	1- 1-1938	31-12-1938
"	" Sharqia...	Ibrahimia (Markaz Hihia) ...	...	1- 1-1938	26-12-1938
"	"	Sinnahwa (Markaz Minia el-Kamh) ...	...	27-12-1938	31-12-1938
"	" Dakahlia ...	Diarb Negm (Markaz Simbellawein) ...	...	1- 1-1938	5-12-1938
"	"	Mit el-Amel (Markaz Aga) ... ..	...	6-12-1938	31-12-1938
School	Clinic No. 1 ...	Khedive Ismail Secondary School, Cairo		1- 1-1938	30- 4-1938
"	"	Embaba ... ..	...	1- 5-1938	15-10-1938
"	"	Government Primary School, Shubra ...	...	16-10-1938	31-12-1938
"	" 2 ...	Ras el-Tin (Alexandria) ... ..	...	1- 1-1938	31-12-1938
"	" 3 ...	Mahalla el-Kobra ... ..	...	1- 1-1938	2- 2-1938
"	"	Somosta Marawan (Markaz Beba) ...	...	3- 2-1938	16- 8-1938
"	"	Saft Rashin (Markaz Beba) ... ..	...	17- 8-1938	31-12-1938
"	" 4 ...	Simbellawein ... ..	...	1- 1-1938	16- 3-1938
"	"	Fouadia (Markaz Dikernes) ... ..	...	17- 3-1938	31-12-1938
"	" 5 ...	Ashmoun ... ..	...	1- 1-1938	11- 5-1938
"	"	Kafr Rabih (Markaz Tala) ... ..	...	12- 5-1938	31-12-1938
"	" 6 ...	Singaha (Markaz Kafr Sakr) ... ..	...	1- 1-1938	17- 2-1938
"	"	Beni Mazar... ..	...	18- 2-1938	31-12-1938
"	" 7 ...	Shubrakhit ... ..	...	1- 1-1938	1- 3-1938
"	"	Izbet Farnawa (Shubrakhit District) ...	...	2- 3-1938	31-12-1938
"	" 8 ...	Assiut ... ..	...	1- 1-1938	10- 9-1938
"	"	Sahil Selim... ..	...	11- 9-1938	31-12-1938
"	" 9 ...	Minia el-Kamh ... ..	...	1- 1-1938	10- 9-1938
"	"	Abu Kebir (Markaz Kafr Sakr) ... ..	...	11- 9-1938	31-12-1938
"	" 10 ...	Samanoud ... ..	...	1- 1-1938	31-12-1938
"	" 11 ...	Baliana ... ..	...	1- 1-1938	31-12-1938
"	" 12 ...	Port Said ... ..	...	1- 1-1938	31-12-1938
"	" 13 ...	Kafr El-Sheikh ... ..	...	9- 4-1938	31-12-1938
"	" 14 ...	Istanha (Markaz Kouesna) ... ..	...	6- 5-1938	31-12-1938
"	" 15 ...	Abshaway (Fayoum)... ..	...	12- 9-1938	31-12-1938
"	" 16 ...	Luxor ... ..	...	17- 9-1938	31-12-1938

TABLE No. 10.—NUMBER OF STUDENTS EXAMINED AND TREATED BY THE ANKYLOSTOMA UNITS OF THE SECTION DURING THE YEAR 1938.

Units	Total number	Positive						Number of injections Parter Eme- tic, Fouadine and Emetine.	Number of Doses		
		Urinary Bilharzia	Intestinal Bilharzia	Amebic Dysentery	Ankylostoma	Ascaris	Other Ova		Carbon tetrachloride	Chenopod	Felix Mass
Qalub Ankylostoma Hospital ...	701	242	8	—	112	353	68	334	4	268	13
Mansura Ankylostoma Hospital ...	383	135	16	—	27	187	64	—	—	—	—
Benha Ankylostoma Hospital ...	1,508	316	3	—	69	508	147	732	11	243	15
Tanta Ankylostoma Hospital ...	797	421	96	—	19	444	42	1,377	—	267	—
Zagazig Ankylostoma Hospital ...	1,211	188	17	—	92	749	223	—	—	235	—
Travelling Ankylostoma Hospital No. 1	317	34	18	—	8	151	31	66	—	108	—
"	2,432	1,213	14	12	208	20	386	42	—	—	—
"	1,281	739	53	—	155	888	200	4,499	11	429	—
"	1,032	353	4	—	29	19	360	1,253	8	9	46
"	931	341	—	—	113	83	222	2,004	58	57	5
"	2,822	2,230	45	—	1,177	1,897	485	4,483	15	441	—
"	787	537	31	—	169	616	144	429	23	410	—
"	415	414	199	—	117	10	36	347	—	—	—
"	219	70	—	—	11	144	16	—	—	—	—
"	942	422	8	—	75	431	137	—	11	68	—
"	482	172	3	—	59	271	39	1,747	10	219	9
"	1,156	500	274	—	142	647	152	1,751	4	370	—
"	532	244	102	—	10	322	34	220	—	279	—
"	1,297	796	—	—	104	96	310	1,225	14	20	10
"	369	137	17	—	12	258	34	455	—	209	—
"	503	146	36	—	29	236	34	939	6	86	—
"	3,441	2,186	—	—	216	2,179	120	2,750	—	—	—
"	768	415	10	—	233	11	70	1,275	77	2	13
"	1,299	565	2	—	102	31	195	3,997	5	1	5
"	191	118	—	—	26	2	17	446	17	1	—
"	715	545	101	1	117	660	115	448	44	640	—
"	751	258	45	—	138	293	68	571	113	254	—
"	2,571	1,616	135	—	111	967	529	3,669	28	598	67
"	3,952	1,354	814	—	488	2,253	632	10,738	90	1,385	15
"	320	131	2	—	18	6	73	969	6	—	—
"	456	308	62	—	19	82	13	3,440	—	76	—
"	2,181	1,449	—	—	315	1,689	194	5,264	—	985	—
"	414	160	9	—	6	102	38	2,025	—	100	—

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